

Jensen, Kathleen

From: Zahner, Holly [Holly.Zahner@fda.hhs.gov]
Sent: Wednesday, February 06, 2013 7:27 AM
To: Jensen, Kathleen
Cc: Ankley, Gerald; Silberhorn, Eric
Subject: RE: Trenbolone Data

Thank you Kathy!

We really appreciate your help with obtaining this data. This will really help us to derive a more accurate NOEC for our assessment.

I'm sure we will be touch soon with more questions!
Holly

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From: Jensen.Kathleen@epamail.epa.gov [<mailto:Jensen.Kathleen@epamail.epa.gov>]

Sent: Tuesday, February 05, 2013 1:00 PM

To: Zahner, Holly

Cc: Ankley.Gerald@epamail.epa.gov

Subject: Trenbolone Data

Hi Holly,

I have attached the data from the MED alpha-trenbolone study. There are two files:

1. Fecundity Data (daily egg counts) - there were four treatments plus a control and four replicate tanks per treatment each containing 2 pairs of adult fathead minnows separated by a mesh screen; the treatment/replicate/pair data is organized in columns along with exposure duration (21 days). The numbers in the cells represent the total number of eggs spawned each day. Please note there were several mortalities and one replicate pair where an immature male was incorrectly identified as female.

2. Sample Data - data collected at termination of the study on a per fish basis: body weight, gonad weight, plasma vitellogenin and steroids (E, T, 11-KT), GSI, and tubercle score.

The data that I have attached is from the second study discussed in the paper. An initial study was conducted at higher trenbolone concentrations and, based on effects observed in this study (i.e., no spawning in any treated tanks and 100% masculinization of females), a second study was conducted at lower trenbolone concentrations. However, we did report analytical data from both studies in the paper (Table 1).

Please let me know if you have any questions or would like to see additional data.

Good luck!

Kathy

(See attached file: MED alpha-Trenbolone Fecundity Data.xlsx)(See attached file: MED alpha-Trenbolone Sample Data.xlsx)